## UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No.:		SC12804TP				
First Inventor:		Varughese Mathew et al.				
Title:	SEMICONDUCTOR PROCESS AND COMPOSITION FOR FORMING A BARRIER MATERIAL OVERLYING COPPER					
Express Mail Label No :		EV 322113342 US				

(Only for new nonprovisional applications under 37 CFR 1.53(b))

APPLICAT	TION ELEMENTS			Stop Patent Applicat	ion	2			
(see MPEP chapter 600 concerning ADDRESS TO:			Commissioner for Patents						
utility patent application contents)			P. O. 1						
			Alexa	ndria, VA 22313-14		_ <u>\$</u> L			
	Fransmittal Form in duplicate		7.		D-R in duplicate, large				
	it an original and a duplicate for fee proce	essing)		table or Compu	ter Program (Appendix	() <b>[</b> (			
	icant claims small entity status		8.		or Amino Acid Seque	nce <b>es</b>			
	7 CFR 1.27		l . –		cable, all necessary)	V			
	ification Total Pages erred arrangement set forth belo	19 NV)	a. b.		able Form (CFR) equence Listing on:				
	riptive title of the invention	ow)	∪. ∟		M or CD-4 (2 copies)				
	Reference to Related Applicati	ions		ii. or pape	•	'			
	ment Regarding Fed sponsored		с. Г	· ·	ying identity of above	copies			
	-Reference to sequence listing		ACCOMPANYING APPLICATION PARTS						
-Backg	round of the Invention		9.	X Assignment Paper	rs (cover sheet & docume	ent(s))			
_	Summary of the Invention		_						
	Description of the Drawings (if filed	d	10. Г	37 CFR 3.73(b)	Power of Attor	rney			
	ed Description		-		en there is an assignee				
-Claim			11.		tion Document (if app				
-Abstra	act of the Disclosure		_		_				
			12.	X IDS X	Copies of IDS Cita	ations			
4. X Draw	ing(s) Total Sheets	1	13.	Preliminary A	mendment				
5. Oath or D			14.		t Postcard (MPEP 50	03)			
a. X	Newly executed (original or co	ору)	15.	Certified Copy	of Priority Docume	nt			
b. Copy from a prior application (37				Nonnublication	Request under 35 U.S	_			
J. L	CFR 1.63(d)) (for continuation	•	16. <u> </u>		). Applicant must atta				
	Box 18 completed)		_	PTO/SB/35 or					
i. DELETION OF INVENTOR(S)				Other:					
	Signed statement attached dele	•							
	inventor(s) named in the prior								
	see 37 CFR 1.63(d)(2) and 1.3			<u> </u>	· · · · · · · · · · · · · · · · · · ·				
6 Appli	cation Data Sheet under 37 (	JFR 1.76							
18. IF A CONTIN	IUING APPLICATION, check appr	opriate box and supply	the requisite	e information below and	in a preliminary amendn	nent:			
Continuation Divisional Continuation-in- Part (CIP) Prior Appl. No.									
Prior Appl. informati	Prior Appl. information: Examiner: Group/Art Unit:								
	VISIONAL APPS only: The entire disclosure								
the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.									
19. CORRESPONDENCE ADDRESS									
	aber 23125 o	I Correspon	ndence add	iress below					
Name	Michael P. Noonan	- Concespon	nachee aaa	ness below					
	Motorola, Inc Law Departn	nent							
Address	7700 West Parmer Lane								
City	Austin	State	1	Texas	Zip Code	78729			
Country Name	U.S.A. Telephone Michael P. Noonan	<u> </u>	Regist	Fax ration No.	42,038	-			
	Men on		Regist		42,036				

			,	Com	plete if	Known	
FEE	Application Number						
TRANSMITTAL			Conguerantly Harowith				
	Filing Date		Concurrently Herewith				
Patent fees are subject to annual revision	First Named Inventor		Varughese Mathew				
Applicant claims small entity status. See 37 CFR 1.27	Examiner Name						
L							
	Group Art Unit		ļ				
TOTAL AMOUNT OF PAYMENT (\$) 790.00	Attorney Docke	et No.	SC12	804TP			
METHOD OF PAYMENT (check all that apply	)			FEI	ECALC	CULATION (continued)	
Check Credit card Money Order Other None			TIONAL				
X Deposit Account:		Larg Entit		Sm <u>Ent</u>			
Deposit Account Number 502117		Fee	Fee	Fee	Fee		
Deposit Account Name Motorola, Inc.		Code	(\$)	Code	(\$)	Fee Description	
The Director is authorized to: (check all that apply)		1051	130	2051	65	Surcharge - late filing fee or oath	
X Charge fee(s) indicated below X Credit any ov	erpayments	1052	50	2052	25	Surcharge – late Provisional filing	
[X] Orange tooley indicated boton [X] Oronically or	o.payo	1053	130	1053	130	Non-English specification	
X Charge any additional fee(s) during the pendency of this ap	plication	1812	2520	1812	2520	For filing a request for ex parte Reexamination	
Charge fees(s) indicated below, except for the filing fee to above-identified deposit account.	the	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
apovo kontino deposit decedin.		1805	1840°	1805	1840*	Requesting publication of SIR after Examiner action	
FEE CALCULATION		1251	110	2251	55	Extension for reply within first month	
TEE CHECKETTON		1252	410	2252	205	Extension for reply within second month	
		1253	930	2253	465	Extension for reply within third month	
1. BASIC FILING FEE		1254	1450	2254	725	Extension for reply within fourth month	
		1255	1970	2255	985	Extension for reply within fifth month	
Large Entity Small Entity		1401	320	2401	160	Notice of Appeal	
Fee Fee Fee	. 0.11	1402	320	2402	160	Filing a brief in support of an appeal Request for oral hearing	
Code (\$) Code (\$)	e Paid	1403	280	2403	140	Petition to institute a public use	
		1451	1510	1451	1510	proceeding	
1001 750 2001 375 Utility filing fee 75	60	1452	110	2452	55	Petition to revive – unavoidable	
1002 330 2002 165 Design filing fee		1453	1300	2453	650	Petition to revive – unintentional	
1003 520 2003 260 Plant filing fee 1004 750 2004 375 Reissue filing fee		1501 1502	1300 470	2501 2502	650 235	Utility issue fee (or reissue) Design issue fee	$\vdash$
1004 750 2004 375 Reissue filing fee 1005 160 2005 80 Provisional filing fee	<del></del>	1502	630	2502	315	Plant issue fee	
1000 100 2000 00 1 101010111 mmg 100		1460	130	1460	130	Petitions to the Commissioner	
SUBTOTAL (1) (\$) 750.0	00	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
2. EXTRA CLAIM FEES		1806	180	1806	180	Submission of IDS	
Previously Extra Fee from		8021	40	8021	40	Recording each patent assignment	40
Paid** Claims below Total Claims 20 - 20 = 0 X 18	Fee Paid	1809	750	2809	375	per property (times number of properties) Filing a submission after final	
Total Claims         20         -         20         =         0         X         18           Independent Claims         3         -         3         =         0         X         84	= 0	1003	750	2009	3/3	rejection (37 CFR § 1.129(a))	L
independent chains 5 - 5 - 0 - 0 - 1		1810	750	2810	375	For each additional invention to be	
Multiple Dependent 280	= 0	l				examined (37 CFR § 1.129(b))	
Large Entity Small Entity		1801	750	2801	375	Request for Continued Examination	
Fee Fee Fee Fee Code (\$) Code (\$) Fee Description		1802	900	1802	900	(RCE) Request for expedited examination	
Code (\$) Code (\$) Fee Description 1202 18 2202 9 Claims in excess of 20	ж	1002	300	1002	300	of a design application	
1201 84 2201 42 Independent claims in excess of 3		Other fee	(specify)				
1203 280 2203 140 Multiple dependent claim, if not pai		-					
1204 84 2204 42 *Reissue independent claims over	original patent					1	
1205 18 2205 9 *Reissue claims in excess of 20 ar	d over original						
patent (a) (b) a co			- d b D-	-1- 50:		CURTOTAL (2) (2) 40.00	
SUBTOTAL (2) (\$) 0.00 "OR NUMBER PREVIOUSLY PAID, IF GREATER THAN STANDARD ALLOWAND "For Reissues, see above	E.	Heduc	ed by Ba	sic Filing	гее рак	SUBTOTAL (3) (\$) 40.00	
SUBMITTED BY		1			-	Complete (if applicable)	<del></del>
			tion No.	42,03	8	Telephone 512.996	6.6839
Name (Print/Type) Michael P. Noonan				1 .=,00	<del>-</del>		
Signature Illus					D	ate August 27,2003	